

DERWENT-ACC-NO: 2001-114865

DERWENT-WEEK: 200173

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TITLE: Fire resistant vinyl chloride resin  
molded product comprises specific amount of vinyl  
chloride group resin, titanium oxide and flame resistant  
adjuvant and a compound chosen from zinc, molybdenum  
or phosphorus

INVENTOR: ORITANI, K; WATANABE, K

PATENT-ASSIGNEE: TAKIRON KK[TAKIN]

PRIORITY-DATA: 1999JP-0067945 (March 15, 1999) ,  
1998JP-0146507 (May 11, 1998)  
, 1998JP-0267360 (September 4, 1998)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC	
JP 2000264976 A	009	September 26, 2000	C08J 005/00	N/A
US 6316118 B1	000	November 13, 2001	B32B 027/30	N/A

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-DESCRIPTOR	APPL-NO
JP2000264976A		N/A	
1999JP-0067945		March 15, 1999	
US 6316118B1		N/A	
1999US-0304983		May 4, 1999	

INT-CL (IPC): B32B027/18, B32B027/30 , C08J005/00 ,  
C08K003/00 , C08K003/22 , C08K005/00 , C08L027/06

ABSTRACTED-PUB-NO: JP2000264976A

BASIC-ABSTRACT:

NOVELTY - A fire-resistant vinyl chloride group resin molded product comprises 100 weight parts (wt.pts.) of vinyl chloride group resin, 1-10 wt.pts. of zinc or molybdenum or phosphorus compound, 4-30 wt.pts. of titanium oxide and a flame resistant adjuvant.

USE - For use as chemical resistant material in semiconductor manufacturing industries and corrosion resistant industrial material.

ADVANTAGE - The product has excellent flame retardance, strength, moldability, curved workability and elongation. The chemical resistance and corrosion resistance are improved.

ABSTRACTED-PUB-NO: US 6316118B

EQUIVALENT-ABSTRACTS:

NOVELTY - A fire-resistant vinyl chloride group resin molded product comprises 100 weight parts (wt.pts.) of vinyl chloride group resin, 1-10 wt.pts. of zinc or molybdenum or phosphorus compound, 4-30 wt.pts. of titanium oxide and a flame resistant adjuvant.

USE - For use as chemical resistant material in semiconductor manufacturing industries and corrosion resistant industrial material.

ADVANTAGE - The product has excellent flame retardance, strength, moldability, curved workability and elongation. The chemical resistance and corrosion resistance are improved.

CHOSEN-DRAWING: Dwg. 0/0

TITLE-TERMS: FIRE RESISTANCE VINYL CHLORIDE RESIN PRODUCT  
COMPRISE SPECIFIC

AMOUNT VINYL CHLORIDE GROUP RESIN TITANIUM

OXIDE FLAME RESISTANCE

ADJUVANT COMPOUND CHOICE ZINC MOLYBDENUM

PHOSPHORUS

DERWENT-CLASS: A14 E32 E37 P73

CPI-CODES: A04-E02B; A04-E03B; A08-E02; A08-F; A08-F03;  
A12-E07C; E05-G09C;  
E31-K05; E34-D03; E35-C; E35-K02; E35-Q;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

A542 A980 C101 C108 C730 C801 C802 C804 C805 C807  
M411 M782 M904 M905 Q462 Q621 Q622 R038

Specfic Compounds

04337K 04337M

Chemical Indexing M3 \*02\*

Fragmentation Code

A422 A940 C108 C550 C730 C801 C802 C803 C804 C805  
C807 M411 M782 M904 M905 M910 Q462 Q621 Q622 R038

Specfic Compounds

01966K 01966M

Registry Numbers

1966U

Chemical Indexing M3 \*03\*

Fragmentation Code

B115 B701 B713 B720 B815 B831 C101 C108 C800 C802  
C804 C805 C807 M411 M782 M904 M905 M910 Q462 Q621  
Q622 R038

Specfic Compounds

01711K 01711M

Registry Numbers

1711U

Chemical Indexing M3 \*04\*

Fragmentation Code

B415 B515 B701 B713 B720 B815 B831 G010 G019 G020  
G021 G029 G040 G100 G111 G112 G221 G299 H713 H716  
H721 H722 H723 H731 M121 M122 M124 M129 M148 M149  
M210 M211 M212 M213 M214 M215 M216 M220 M221 M222  
M223 M224 M225 M226 M231 M232 M233 M272 M280 M281  
M282 M283 M320 M411 M510 M520 M530 M531 M532 M533  
M540 M620 M782 M904 M905 Q462 Q621 Q622 R038

Markush Compounds

200031-73301-K 200031-73301-M

Chemical Indexing M3 \*05\*

Fragmentation Code

A220 A430 A940 C101 C108 C550 C730 C801 C802 C804  
C805 C807 M411 M782 M904 M905 Q462 Q621 Q622 R038

Markush Compounds

200031-73302-K 200031-73302-M

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1711U; 1966U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; R00338 G0544 G0022 D01 D12 D10 D51 D53 D58 D69  
D82 C1 7A ;  
H0000 ; H0011\*R ; S9999 S1434 ; P1796 P1809

Polymer Index [1.2]

018 ; ND04 ; ND09 ; B9999 B4580 B4568 ; B9999 B4591  
B4568

Polymer Index [1.3]

018 ; P\* 5A Mo 6B Tr Zn 2B ; R01966 D00 F20 Ti 4B Tr O\*  
6A ; A999  
A248\*R ; A999 A771

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2001-034236

Non-CPI Secondary Accession Numbers: N2001-084536